

Remarks

In view of the above amendments and the following remarks, reconsideration and further examination are requested.

Claims 11 and 15 have been rejected under 35 U.S.C. §102(b) as being anticipated by Lunn (US 4,962,427). Claims 11, 13, 15, 17, 19 and 23 have been rejected under 35 U.S.C. §102(e) as being anticipated by Takashimizu (US 6,549,243). Claims 11 and 15 have been rejected under 35 U.S.C. §102(e) as being anticipated by Gove (US 5,796,442).

Claims 1-10, 12, 14, 16, 18, 20-22 and 24 have been indicated as containing allowable subject matter. The Applicants would like to thank the Examiner for this indication of allowable subject matter.

By this amendment, claims 2-6, 8, 10, 11, 13-15 and 17-24 have been cancelled without prejudice or disclaimer to the subject matter contained therein.

Claims 7, 9 and 12 have been amended so as to change the term “mix” and variants thereof to “synthesize” and variants thereof, respectively. These amendments are supported by the specification at least at Figures 2 and 7. It is apparent that these amendments do not affect the scope of the claims and that the claims remain allowable for the reasons set forth in the Office Action.

Claim 16 has been amended so as to place it into independent form by including limitations similar to those recited in claim 13, from which claim 16 previously was dependent. As a result, claim 16 is now allowable.

New claims 25-34 have been added. It is submitted that these new claims are supported by the specification at least at column 4, line 59 – column 5, line 54; column 5, line 66 – column 6, line 26; column 7, lines 27-36; column 7, lines 58-60; column 8, line 21 – column 9, line 6; column 9, line 62 – column 10, line 9; and Figures 2 and 4-7.

New claims 25, 26 and 28-31 are patentable over Lunn, Takashimizu and Gove, since claims 25, 26 and 28-31 recite, in part, a synthesizer operable to synthesize a video stream, and additional information or OSD data in different timings depending on a standard or a video standard of a broadcast wave. Lunn, Takashimizu and Gove all fail to disclose or suggest the synthesizers recited in claims 25, 26 and 28-31.

Lunn discloses a television receiver having an antenna 10, a tuner 11, a color decoder 13, and a MPU 15 containing a CPU 17 and on screen display (OSD) circuitry 20. The OSD circuitry 20 includes a phase locked loop (PLL) 21 that is utilized to synchronize the OSD circuitry 20 to a received television signal. (See column 2, lines 18-59 and Figures 1 and 2). However, as indicated in section 7 of the Office Action, Lunn fails to disclose or suggest the synthesizers that are recited in claims 25, 26 and 28-31.

Takashimizu discloses a digital broadcast receiver unit having an antenna 1, a tuning-demodulation means 2, a CPU 6, an MPEG decoder 11, and an on screen display (OSD) circuit 12. The OSD circuit 12 is disclosed as adding character information to a digital video signal output from the MPEG decoder 11 according to instructions from the CPU 6. (See column 2, line 53 – column 3, line 52 and Figure 1). However, as indicated in section 7 of the Office Action, Takashimizu fails to disclose or suggest the synthesizers that are recited in claims 25, 26 and 28-31.

Gove discloses a multi-format television receiver for a television 100 having a broadcast interface 102, and a signal processor 106 having a text generator 414. The text generator 414 is operable to add text information to a data stream either prior to or after the video signal has been gamma corrected. (See column 3, lines 37-49; column 8, lines 8-16; and Figures 2 and 5). However, as indicated in section 7 of the Office Action, Gove fails to disclose or suggest the synthesizers that are recited in claims 25, 26 and 28-31.

New claims 32 and 33 have limitations similar to those in original claim 6 and are patentable over Lunn, Takashimizu and Gove, since claims 32 and 33 recite, in part, a level converter operable to convert an output level of additional information, which is copy generation control information or copy guard information, in accordance with a standard of a broadcast wave. Lunn, Takashimizu and Gove all fail to disclose or suggest the level converters as recited in claims 32 and 33.

As discussed above regarding claims 25, 26 and 28-31, Lunn, Takashimizu and Gove all disclose television receivers that include OSD circuitry that is capable of adding text to a video stream. However, it is apparent that none of these references disclose or suggests the level converters as recited in claims 32 and 33.

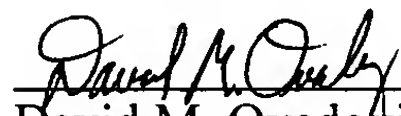
Because of the above mentioned distinctions, it is believed clear that claims 1, 7, 9, 12, 16 and 25-34 are allowable over the references relied upon in the rejections. Furthermore, it is submitted that the distinctions are such that a person having ordinary skill in the art at the time of invention would not have been motivated to make any combination of the references of record in such a manner as to result in, or otherwise render obvious, the present invention as recited in claims 1, 7, 9, 12, 16 and 25-34. Therefore, it is submitted that claims 1, 7, 9, 12, 16 and 25-34 are clearly allowable over the prior art of record.

In view of the above amendments and remarks, it is submitted that the present application is now in condition for allowance. The Examiner is invited to contact the undersigned by telephone if it is felt that there are issues remaining which must be resolved before allowance of the application.

Respectfully submitted,

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